SORVINA, L. Ye. USSR/Medicine - Dysentery

Card 1/1

Pub. 148 - 6/23

Author

: Sorvina, L. Ye.

Title

: Atypical strains of the organisms causing Sonne dysentery and their

toxigenic characteristics

Periodical: Zhur. mikrobiol. epid. i immun. 6, 22-28 Jun 54

Abstract

: A detailed description is given of the isolation and testing of endotoxins and toxins obtained both from atypical strains of Sonne dysentery bacilli and from laboratory strains of the bacilli which had been subjected to the action of bacteriophage. The toxin obtained from one of the atypical strains was seperated into neurotropic and enterotropic portions both of which were fatal to rabbits, but confined their pathologic activity to the corresponding organs of the experimental animals. No references

FD-543

are cited

Institution:

The Epidemiological Division (Head - Yu. Ye. Birkovskiy) of the Ukrainian Institute of Epidemiology and Microbiology in Kiev (Director - S. N.

Terekhov)

Submitted

: December 10, 1953

CIA-RDP86-00513R001652520008-2 "APPROVED FOR RELEASE: 08/23/2000

SORVINA, L. Ye.; KHORUZHENKO, P.F.

是一种,不是一种,这种,我们就是这种的,我们就是这些的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是一个一个一个一个

Organizing preventive measures to control dysentery under construcmanager on the Secretary of the Secretary tion conditions at the Kakhov Hydroelectric Power Station. Zhur. mikrobiol.epid.i immun. no.8:87 Ag 154.

1. Iz Ukrainskogo instituta epidemiologii i mikrobiologii.
(DYSENTERY--PREVENTION)

GROMASHRVSKIY, L.V., professor, otvetstvennyy redaktor; DYACHENKO, S.S., GROMASHRVSKIY, L.V., professor, otvetstvennyy redaktor; DYACHENKO, S.S., professor, redaktor; kandidat meditsinskikh nauk, redaktor; redaktor; ZAYDENBERG, Ye.G., kandidat meditsinskikh nauk, professor, redaktor; SEREBREHNIKOVA, V.I., kandidat padatsinskikh nauk, redaktor; SORVINA, L.Ye., kandidat meditsinskikh nauk, redaktor; TEREKHOV, S.N., kandidat meditsinskikh nauk, redaktor; KHOMENKO, G.I., professor, redaktor; ZATULOVSKIY, B.G., redaktor; LOKHMATYY, Ye.G., tekhnicheskiy redaktor

[Dysentery; a collection of scientific papers] Dizeneteria; ob edinennyi sbornik nauchnykh rabot. Kiev, Gos.med. izd-vo USSR. (MIRA 10:1) 1956. 265 p.

1. Kiyevskiy institut epidemiologii i mikrobiologii. 2. Deystvitel!nyy chlen AMN SSSR (for Gromashevskiy)
(DYSENTERY)

SORVINA, L.Ye.; SEREBERNNIKOVA, V.I.; YASHCHENKO, K.V.; KOLESNIKOVA, N.I.

Review of "Problems in the epidemiology, prevention, and clinical treatment of enteric infections." Zhur.mikrobiol.epid. i immun. treatment of 9:129-131 S '57.

(INTESTINES--DISEASES)

17 (2, 6)

sov/16-60-4-4/47

AUTHOR:

Sorvina, L.Ye.

TITLE:

Species - and Type - Specific Immunity in Dysentery

PERIODICAL:

Zhurnal mikrobiologii, epidemiologii i immunobiologii, 1960, Nr 4,

pp 15 - 20 (USSR)

ABSTRACT:

To clear up the problem of immunity in dysentery, the author investigated 157 cases of dysentery in children where bacteriological examination had shown Shigella sonneil to have been replaced by Shigella flexneri, or vice versa. It was found that in 79% of the cases, infection of the child with a heterologous species of Shigella dysenteriae induced marked clinical reactions in the body, sometimes even toxicosis. This indicates that in dysentery postinfectional immunity is species-specific. In the case of Flexner dysentery, postinfectional immunity is homologous and, to a certain extent, heterologous too, since in 33% of the cases infection of a person with a serotype of Shigella flexneri different to the serotype with which he had previously been infected (and which had produced some immunity) did not induce any clinical symptoms of Flexner dysentery. From this one may conclude that in dysentery postinfectional immunity is only relatively type-specific. Numerous cases of recurrent relapse into Sonne

Card 1/2

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDI

CIA-RDP86-00513R001652520008-2

Species- and Type- Specific Immunity in Dysentery

dysentery indicate that in this form of dysentery postinfectional immunity is short-lived and is no safeguard against reinfection with the disease, even within the period of 4 - 6 months.

There are 5 tables and 12 Soviet references.

ASSOCIATION: Kiyevskiy institut epidemiologii i mikrobiologii (Institute of Epidemiology and Microbiology, Kiyev)

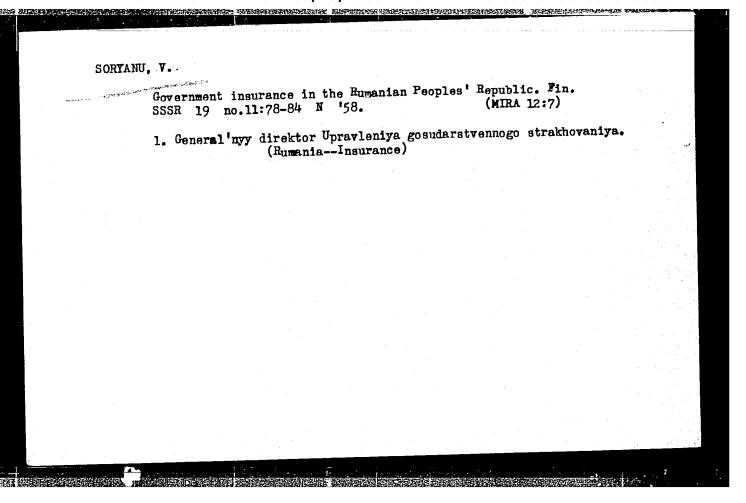
SUBMITTED: July 3, 1959

Card 2/2

SORYANU, Sh.

6970. SORYANU, Sh. Profilaktika detskikh infektsionnykh bolezney v shkolakh i detskikh uchrezhdeniyakh. Kishinev, "shkoala sovetike", 1955 /obl. 1954/. 68 s. s ill. 20sm. 2,000 ekz. 90 k. —Bibliogr: s. 66(18 nazv.) -Na moloav. yaz. —/55-2508/ 616.9-053.2-084+/016.3/

Knizhnaya Letopis' No. 6, 1955



SOS, F.; STERK, E.

A new method for the detection of pinholes in protective coatings. In English. p. 247.

ACTA TECHNICA. (Magyar Tudomanyos Akademia) Budapest, Hungary, Vol. 25, no. 3/4, 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11, November 1959, Uncl.

SOS, Feodora; KOVACS, Lajos; LORINC, Imre

The use of synthetic materials in telecommunication condensers; also remarks by L.Kovacs and I.Lorinc. Muszaki kozl MTA 26 no.1/4:297 '60. (EEAI 9:10)

1. Tavkozlesi Kutato Intezet (for Sos)
(Telecommunication)
(Condensers (Electricity))

S/081/62/000/022/070/088 B166/B144

AUTHOR:

Sos, Feodora

TITLE:

Method of producing a polymer which softens as the temperature

is raised

PERIODICAL:

Referativnyy zhurnal. Khimiya, no. 22, 1962, 519, abstract

22P293 (Hungarian patent, 148543, Oct. 31, 1961)

TEXT: Plastic monomers (styrene and its vinyl and acrylic derivatives) are polymerized in an aqueous emulsion or suspension and 100 - 600 % by weight of filler is added (Ti oxide, titanates of the alkali earth metals, for example, Ba, Sr, Cs, V, Fe and also Ag, Zn, Al, or powdered Fe oxide). Example. 100 g freshly distilled styrene is emulsified in 400 ml water; to this is added 400 g Ti oxide powder (passing sieve 110) and 1 g polyvinyl alcohol (Mowiol No. 30). This mixture is agitated in a flask with a reflux condenser and the temperature is raised to 80°C on a water bath. 0.5 g benzoyl peroxide is added to the reaction mixture, this is held at 80° C for 2 hrs after which the temperature is raised by means of an oil Card 1/2

Method of producing a polymer which ...

S/081/62/000/022/070/088 B166/B144

bath to 140° C where and so kept for 2 hrs. The product is filtered off, washed with C_2H_5OH and dried at $60-65^{\circ}$ C and 14 atm. Articles pressed from this polymer at 20 kg/cm² and 150° C have a shiny surface and can be easily machined. The dielectric constant, \mathcal{E} , of the polymer is 22 in the 10^2-10^7 cps range. [Abstracter's note: Complete translation.]

Card 2/2

SOS, Frantisek

Establishment of the continuous five-year plan in enterprises. Pod org 17 no.6:260-262 Je 963.

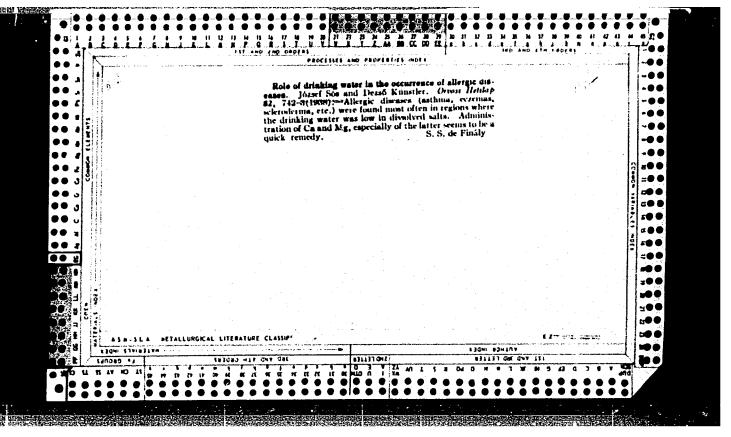
l. Tesla Hloubetin.

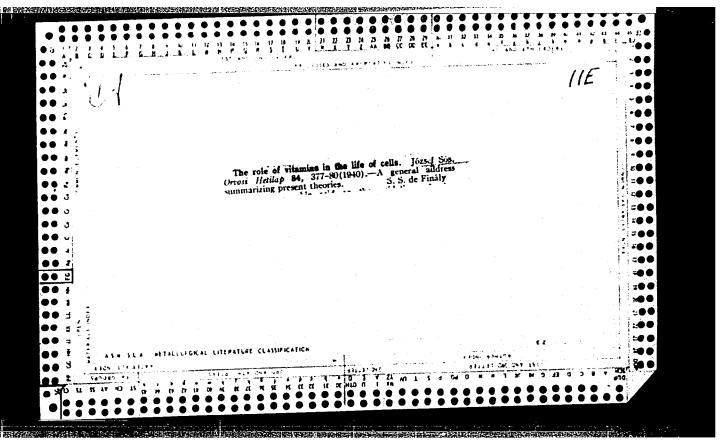
KISS, Lorant, okleveles gepeszmernok; CSERNAVOLGYI, Laszlo; HAJDU, Istvan;
BENKOVICS, Jozsef; TERNYAK, Beno; SOSKUTI, Andras; TOROK, Mihaly,dr.;
SZASZ Frigyes; GATI, Geza; KOVACS, Lajos; DEHENES, Zoltan; MAGTORGET;
Laszlo; KOVACS, Gyula; AUERSWALD, Janos; SOS, Janos; DIOSZEGHY, Daniel, prof.

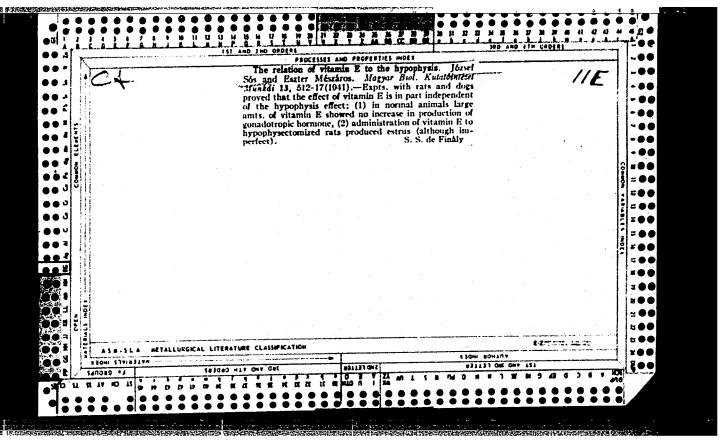
Manufacture and use of gas appliances. Energia es atom 17 no.1: 30-35 Ja 64.

1. Lampagyar (for Kiss). 2. Vegyterv (for Csernavolgyi). 3. Orszagos Koolaj- es Gazipari Troszt (for Hajdu, Szasz, Auerswald). 4. Pecsi Gazszolgaltato Vallalat (for Benkovics). 5. Asvanyolaj-forgalmi Vallalat (for Ternyak, Soskuti). 6. Epitesugyi Miniszeterium Iparterv Muszeki Osztaly (for Torok). 7. Orszagos Villamosenergia Felugyelet (for Gati). 8. Epitesugyi Miniszterium (for Lajos Kovacs). 9. Gazkeszulekgyarto Vallalat (for Dehenes). 10. Epitestudomayi Intezet (for Gyula Kovacs).

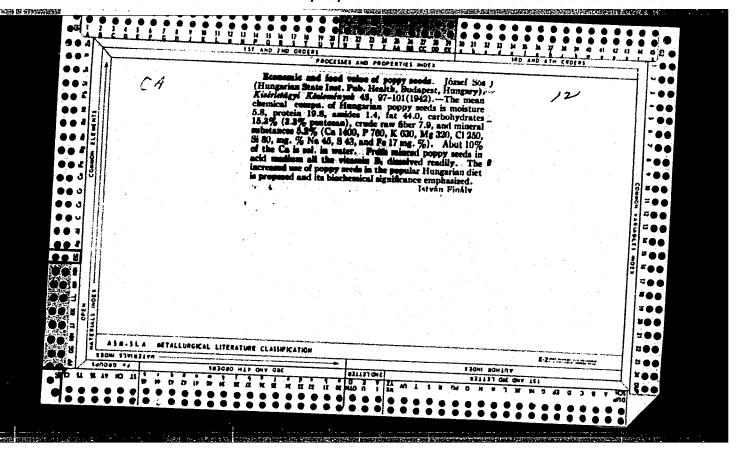
ACC NR: AT6007428 SOURCE CODE: HU/2505/65/026/00x/0039/0039 AUTHOR: Frenkl, R.; Csalay, L.; Somfai, Zsuzsa; Zelles, T.; Sos, J. ORG: Institute of Pathophysiology, Medical University of Budapest, Budapest (Budapesti Orvostudomanyi Egyetem, Korelettani Intezet) 13 TITLE: Effect of regular muscular activity on factors involved in the pathogenesis of experimental cardiopathy /This paper was presented at the 29th Meeting of the Hungarian Physiological Society held in Szeged from 2 to 4 July 19617 SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 26, Supplement, 1965, 39 TOPIC TAGS: cardiovascular system, rat, protein, gamma globulin ABSTRACT: The effect of muscle activity on the factors involved in the cathogenicity of the cardiopathogenic diet S-65 has been studied. Rats kept on the cardiopathogenic diet and forced to swim daily had significantly lower blood cholesterol levels than the rats which were kept on the diet without exercise. Comparable values were obtained from the control animals and those which were forced to swim. It

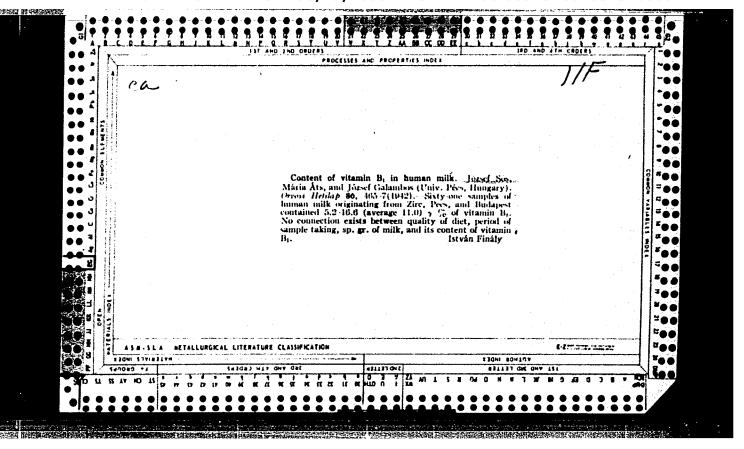


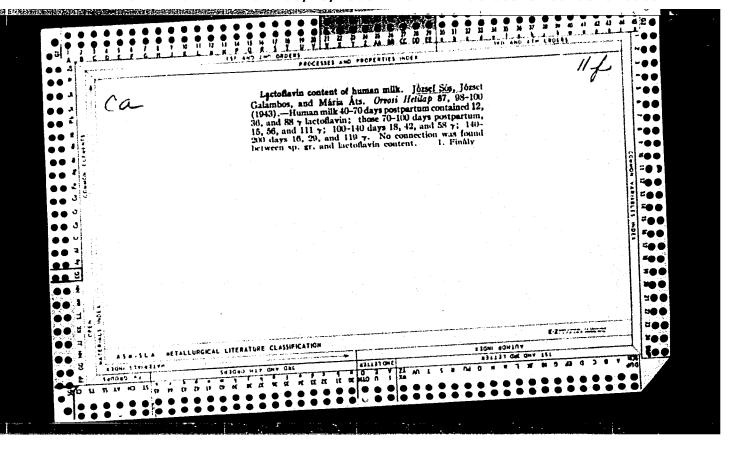


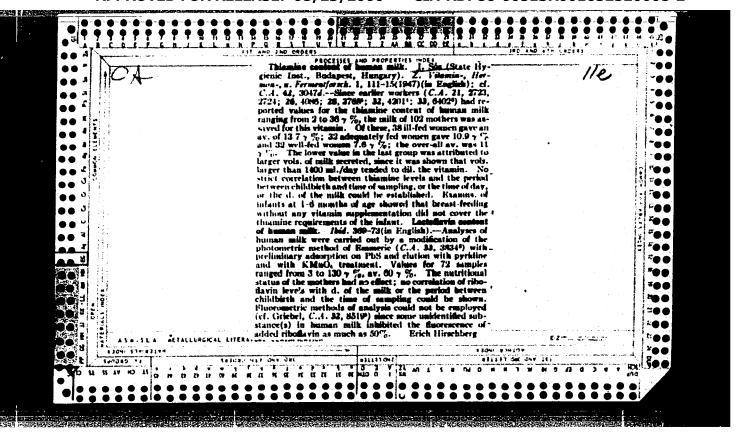


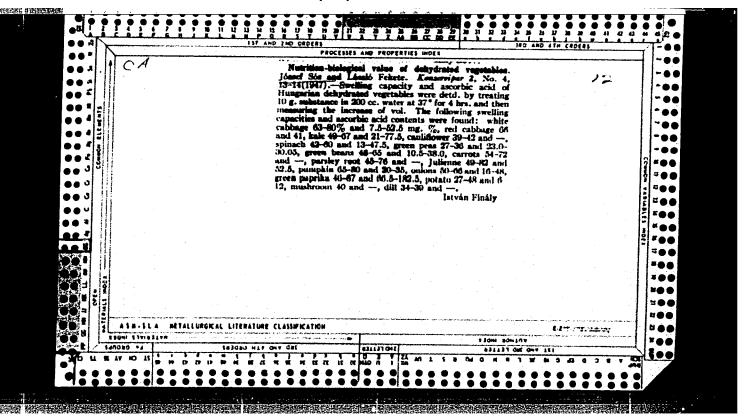
"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001652520008-2

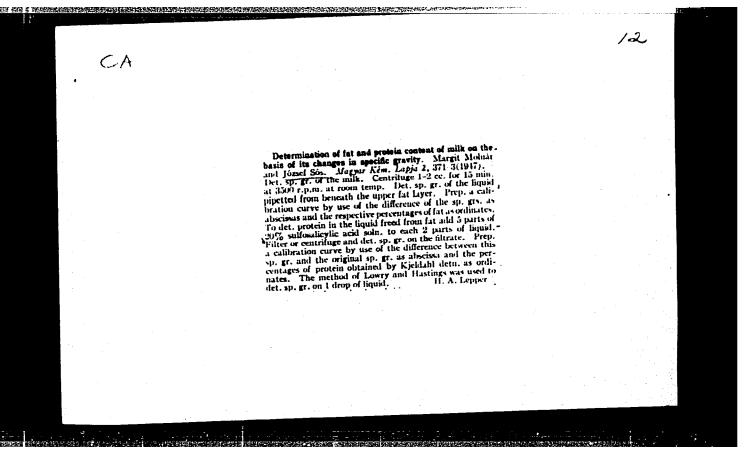


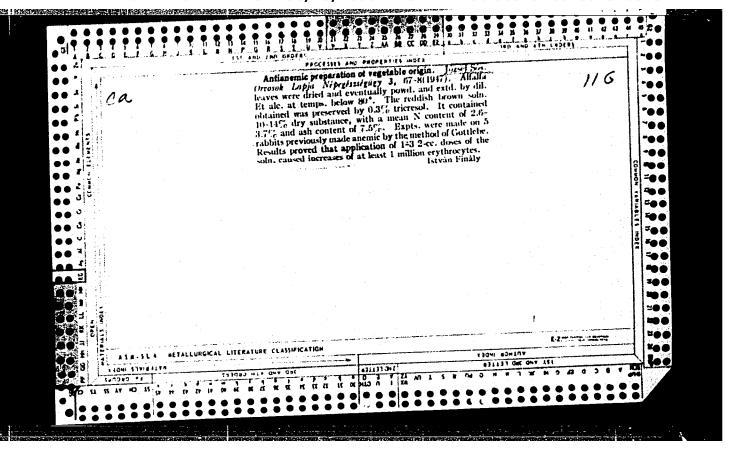












sos, J. 1947

(Az Orszagos Kosegeszsegugyi Intezet Koslemenye)

"Examination of Samples of Human Milk."

Orvosok Lapja, 1947 3/3 (89-90) Abst: Exc. Med. 11, Vol. 11, No. 4, p. 484

SOS, J. 1948

"Survey of Struma in Szegvar"

Orvosek Lapja, Budapest, 1948 4/10(1/4-145) Abst: Exc. Med. 111, Vol. 111, No. 1, p. 11

503, J. 1948

"Theoretical Problems of Estimating Fasal Metabolism."

Orvosok Lapja, 1948, 1/21(673-676)
Abst: Exc. Med. 11, Vol. 11, No. 5, p. 617

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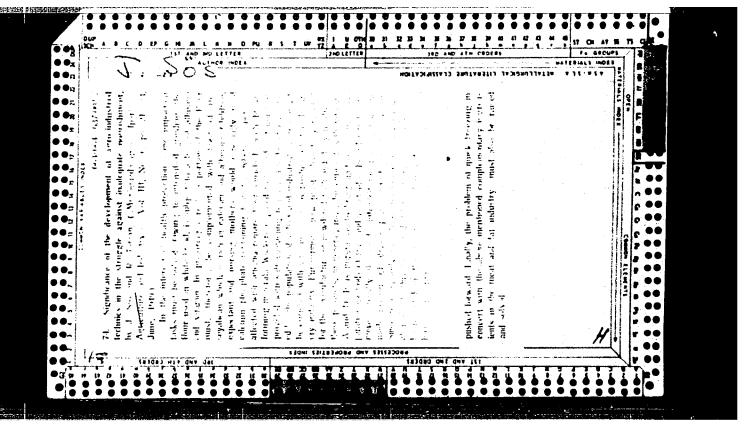
SOS, J. (4061)

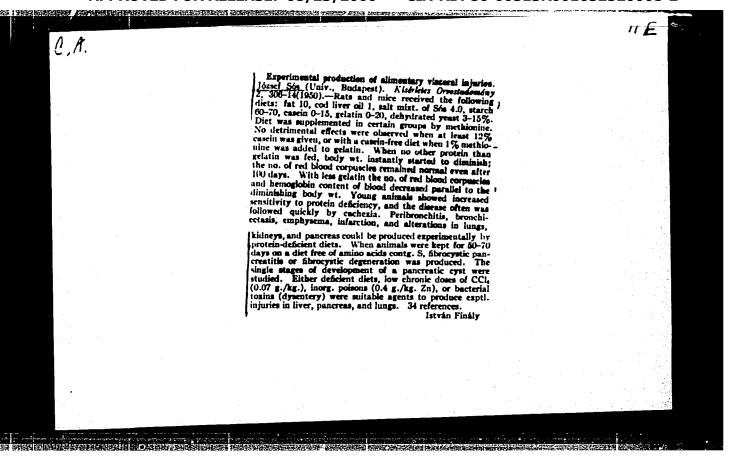
Mozgasszervek es a taplalkozas <u>Locomotory organs and nutrition</u> Orvosok Lapja 1948, 4/38 (1205-1208) Graphs 2

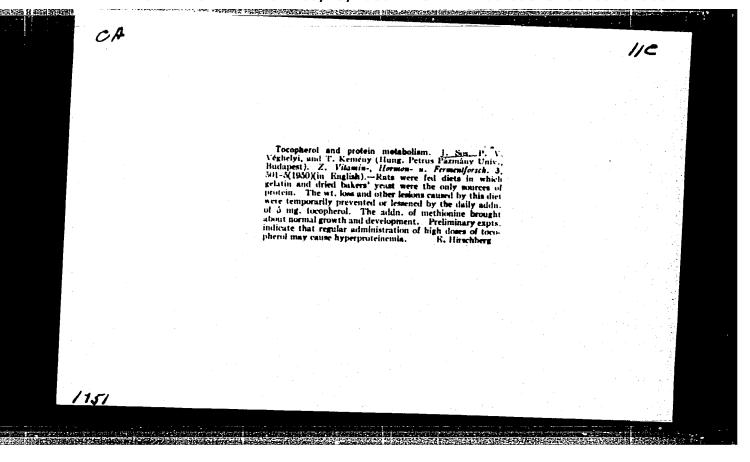
Correlations between the physicles of muscles, bones and connective tissue and the metabolism of Ca, P, Mg and vitamins D,A and C are discussed. Experiments showed that no change occurs in the bone of an adult animal during vitamin D deficiency but folliculin given meanwhile causes mobilization of calcium. The differences in action between par athormone and vitamin D are discussed. New ways and directions in this territory of nutrition lie oven for investigation.

impyor-budayest

So; excerning relice, Vol. II, No S, Fection II, August, 1949







SCS, J., VECHELYI, P., KENEY, T., POZSONYI, J.

Experimental lesions of the pancreas; effect of defective diets and of poisoning. Orv. hetil. 91:27, 2 July 50. p. 833-9

1. First Pediatric Clinic and Pathophysiological Institute, Budapest Institute,

CLEL 19, 5, Nov., 1950

SOS, J. 1951

(Pathophysic1. Inst. U. of Budapest.)

"Connections Between Experimental Injuries to the Pancreas and Liver."

Acta Physiol (Budapest), 1951 2/1 suppl. (23) No abst. in Exc. Med.

VEGHELYI, P.; KEMENY, T.; POZSONYI, J.; SOS, J.

Experimental modifications of the pancreas. I. The effects of dietary deficiencies and poisoning. Acta med.hung. 2 no.1:155-170 1951.

(CLML 20:7)

1. Of the First Pediatric Clinic (Director--Prof. P. Kis) and of the Institute of Pathophysiology (Director--Prof. J. Sos) of Budapest University.

KEMENY, T.; SOS, J.; VENHELYI, P.

Bronchial changes due to toxic agents and diet. Kiserletes orvostud.
3 no.2:128-131 1951. (CIML 21:1)

1. Institute of Pathology and First Pediatric Clinic, Budapest Medical University.

	SOS, J.	
(Theory and technic of metabolism tests. Orv. hetil., Budap. 92 no. 46:1479-1482 18 Nov. 1951. (CLML 21:3)	
	1. Doctor.	
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SOS, J.

Pathobiologic aspects in dietetics. Orv. hetil. 92 no.18:560-566 6 May 1951. (CIML 24:5)

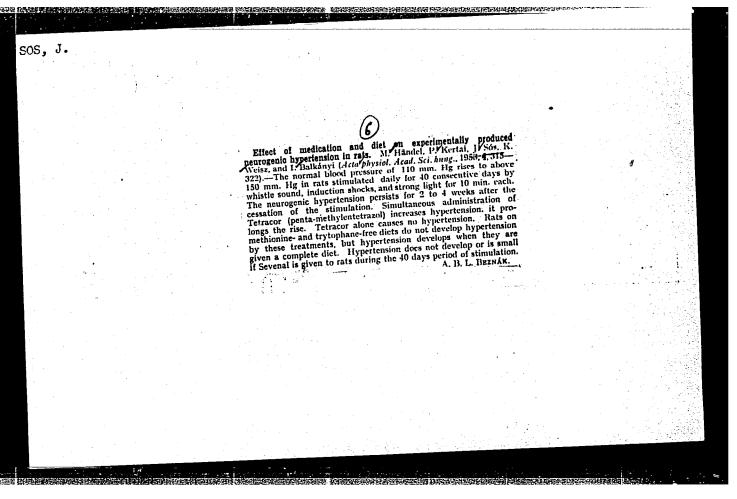
1. Prof. Doctor. 2. Institute of Pathophysiology, Budapest Medical University.

8. Nutrition 8. Nutrition 62. SOS J., TOTH F. and KEMENY T. Budapesti Orvostudományi Egyetem Kórélettani Inteseta. Aminósav hiányos étrend hatása kisérletes daganatok fejlődésére Effect of amino-acid-deficient diet on the growth of experimental tumours Kisérl. Orvostud. 1952, 4/4 (284-298) Graphs 1 Illus. 2 The effect of an amino-acid-deficient diet (90% deficient in methionine and 50% in tryptophan) on the growth of transplantable Guérin tumour was studied in 30 male albino rats. In the control group (22 rats) the diet was supplemented with casein. Amino-acid deficiency inhibited the growth of tumours; the average weight of the tumours did not exceed 1/10 that in the controls. At the same time the number of metastases increased, especially in the lungs, heart and liver. Metastases in the control rats were observed rarely and only in the lymph nodes. Sós — Budapest

SOS, J.; KEMENY, T.; SCHNELL, M.

Modifications of the genitals of male rats caused by partial methionine deficiency. Acta physicl. hung. 4 no.1-2:211-218 1953. (CIML 25:1)

1. Of the Institute of Pathophysiology of Budapest University.



KEMENY, T.; TOTH, E.; RUDAS, I.; SOS, J.

Reffect of methionine deficiency of the bone. Acta physical. hung.
4 Suppl:53-54 1953.

1. Of the Institute of Pathophysiology of Budapest University.

LUDANY, G.; SOS, J.; TOTH, E.; VAJDA, G.

Effect of amino acids on the bacterial phagocytosis of leukocytes. Orv. hetil. 94 no.8:204-207 22 Feb 1953. (CIML 24:3)

1. Doctors. 2. Pathophysiology Institute (Director -- Prof. Dr. Jossef Sos), Budapest Medical University.

TOTH. Erzsebet; LAPIS, K.; SOS, J.

Promotion of carcinogenic effect of azo dyes by periodic qualitative protein deficiency. Acta morph. hung. 4 no.4:493-505 1954.

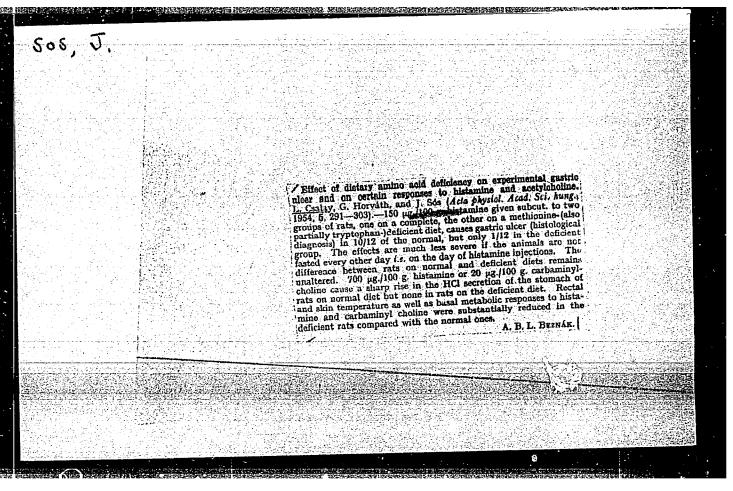
1. Institut fur Pathophysiologie (Vorstand Prof. J.Sos) der Medizinischen Universitat, Budapest, und Institut fur Pathologische Anatomie (Vorstand Prof. B.Kellner) der Medizinischen Universitat, Debrecen

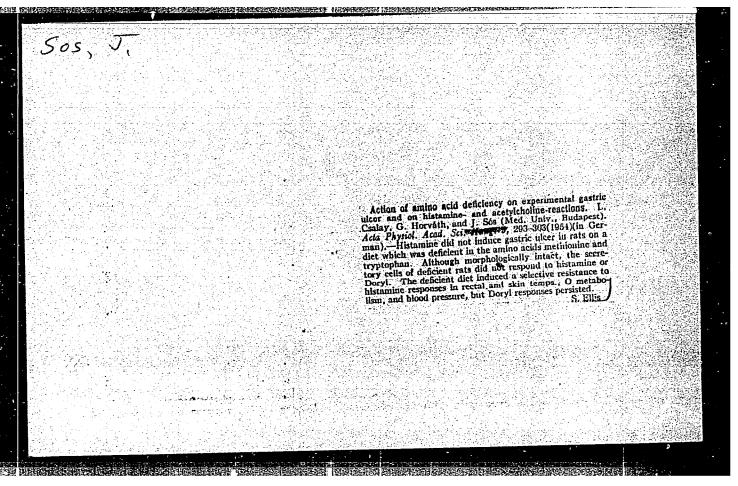
(BENZENE, deriv.

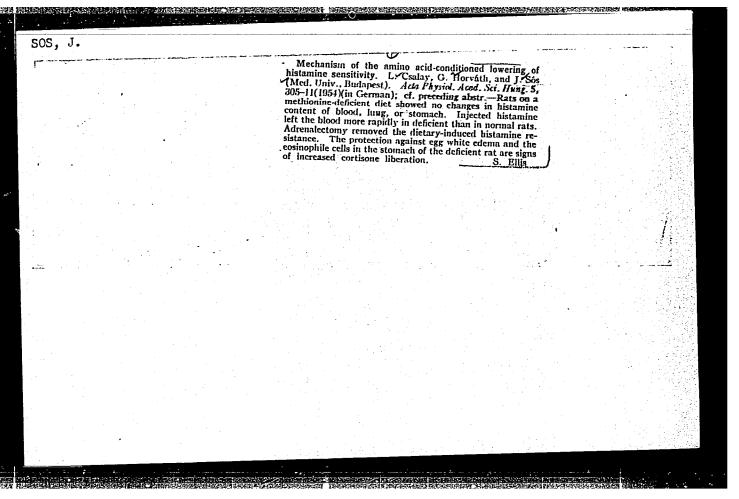
p-dimethylaminoasobenzene, carcinogenic eff., potentiation
by methionine defic. in rats)

(METHIONINE, defice patentiation of carcinogenic eff. of p-demethylaminoasobensene in rats)

(NEOPLASMS, exper. carcinogenesis by p-dimethylaminoasobenzene, potentiation by methionine defic. in rats)







KEMENY, T.; SOS, I VEGHELYI, P.

Effect of intrauterine injuries on pancreas. Acta physicl. hung. Supp. no.6:58-59 1954.

是**的作为,我们们的自己的,不是是这种的,我们也是不是这些的人,我们**是不是的。

1. Pathophysiologisches Institut und I. Padiatrische Klinik der Medisinischen Universitat, Budapest.

(FETUS, dis. pancreas dis. caused by carbon tetrachloride & methionine defic. in pregnant dogs)

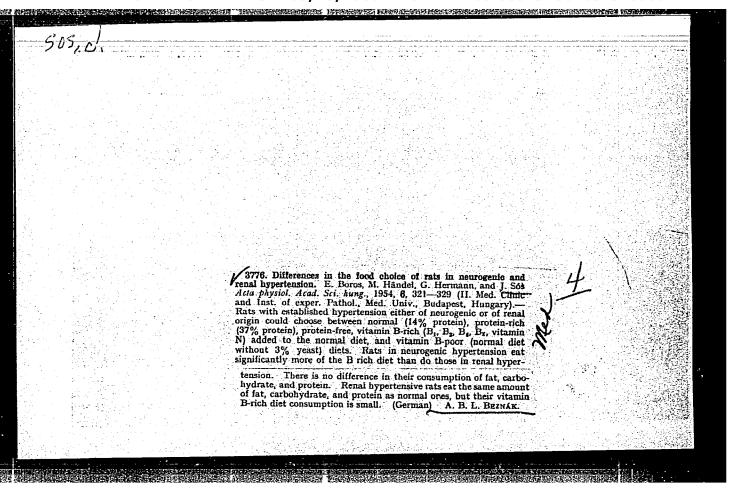
(PREGNANCY, physiol. methionine defic. & carbon tetrachloride causing pancreas dis. in dog fetus)

(METHIONIME, defic.

in pregn. causing pancreas dis. in dog fetus)

(PANCREAS, dis.

in fetus, caused by carbon tetrachloride & methionine defic. in pregnant dogs)



PALOCZ, Istvan, dr., az orvostudomanyok kandidatusa. SOS, Jossef, dr., z orvostudomanyok doktora

Studies with the artificial kidney. Orv hetil 95 no.21:566-567 My '54. (EEAL 3:8)

1. A Budapesti Orvostudomanyi Egyetem Urologiai klinikajanak es Korelettani Intesetenek koslemenye. (KIDNEYS, artificial *indic.)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001652520008-2"

SHOW I

AID P - 2629

Subject

: USSR/Medicine

Card 1/1

Pub. 37 - 6/22

Author

Shosh, I., Prof.

Title

: Comparative study of the lack of some amino acids in

nutrition

Periodical: Gig. i san., 8, 22-24, Ag 1955

Abstract

Investigations are presented of chronic and acute illnesses and histological changes caused by a food deficiency of three amino acids (isoleucine, lysine and methionine). Tests performed on rats and dogs are described. Diagrams, table, 1 German ref.,

1953.

Institution:

Institute of Pathology and Physiology, Budapest

Medical University

Submitted

p 28, 1954

LEHOCZKY, Tibor, dr.; SOS, Jossef, dr. Property of the same of the sa Pathological changes of the spinal cord (spinal myelopathy) in white rate, induced by nutritional disturbances. Ideg. ssemle 8 no.5:129-139 Oct 55. 1. As Istvan-korhas Idegosstalyanak (foorvos: Lehocsky Tibor dr.) es az Eotvos Lorand Tudomanyegyetem Korelettani Intesetenek (igasgato: Sos Jossef dr. egyetemi tanar). koslemenye. (SPINAL CORD, dis. exper. spongioid lesions caused by exper. vitamin Bl & phosphorus defic. & extirpation of stomach succus membrane in rats (Hun)) (VITAMIN B1 DEFICIENCY, exper. causing spongioid lesions of spinal cord in rats. (Hun)) (PHOSPHORUS, defic. exper., causing spongioid lesions of spinal cord in rats. (Hun)) (STOMACH, surg. exper. extirpation of mucous membrane, causing spongioid lesions of spinal cord in rats. (Hun))

WEISZ, Pal; SOS, Jossef; GATI, Tibor; HARMOS, Gyorgy: RIGO, Janes

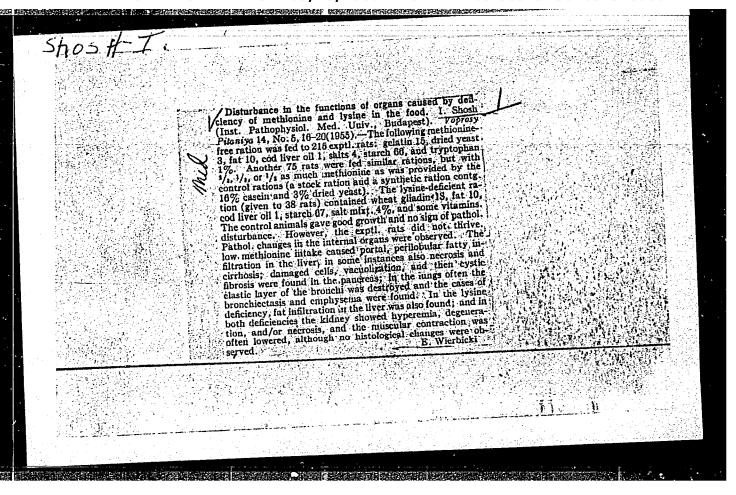
Effect of quality-protein deficient diet on conditioned reflex
activity of white rats. Ideg. ssemle 8 no.5:139-144 Oct 55.

1. Budapesti Orvostudomanyi Egyetem Korelettani Intersetetol
(igasgato: Dr. Sos Jossef egy. tanar, as orvostudomanyok doktora.

(REFLEX, CONDITIONED)
eff. of lysine & methionine deficient diet on activity
in rats. (Hun))

(LYSINE, defic.
exper., eff. on conditioned reflex activity in rats.

(METHIONINE, defic.
same. (Hun))



SOS, Jossef, dr.; SZABO, Geza, dr.

Industrial hygiene in the five year plan. Mepegeszsegugy 36 no.8:201-204 Aug 55.

1. Koslemeny a Budapesti Orvostudomanyi Egyetem Korelettani Intezetebol es - as Orssagos Kosegessegugyi Intesetbol. (INDUSTRIAL HYGIENE, in Hungary, in 5-year plan.)

AND THE PROPERTY OF THE PROPER

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KEMENY, Tibor, dr.; SOS Jozsef, dr.; VECHELYI, Peter, dr.;
SCHNELL, Maria, technikai segedletevel.

Effect of intra-uterine lesions on the pancreas. Orv. hetil.
96 no.18:486-489 1 May 55.

1. A Budapesti Orvostudomanyi Egyetem Korelettani Intezetebol
(Igazgato: Sos, Jozsef dr. egyet. tanar) es I. Gyermekklinikajarol
(Igazgato: Gegesi-Kies, Fal dr. egyet. tanar) kozlemenye.

(PREGNANCY,
eff. of intrauterine inj. on pancreas in offspring in
dogs.)

(PANCREAS, pnysiology,
eff. of intrauterine inj. in pregn. dogs on pancreas
in offspring.)
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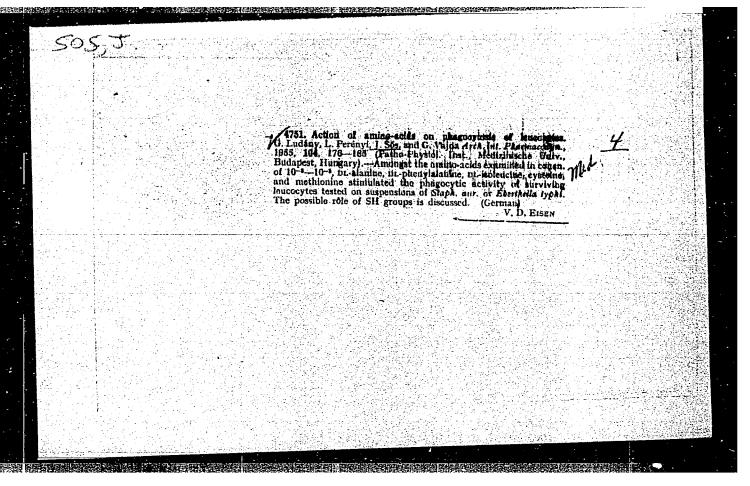
SOS, Jozsef, dr.

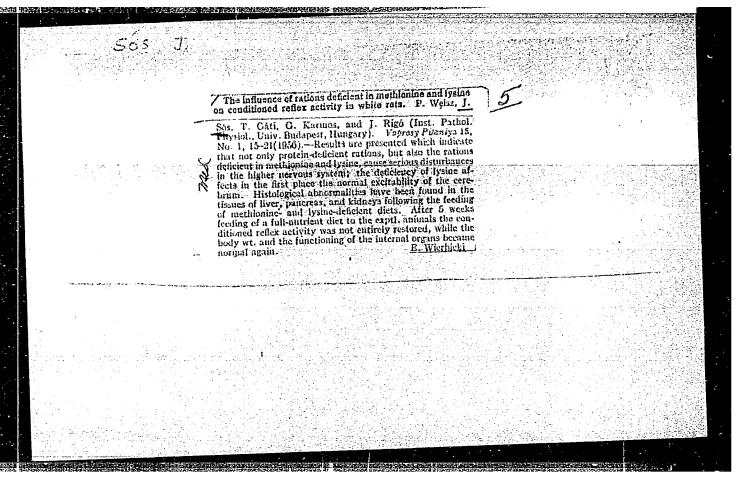
Importance of antimetabolites in determination of metabolism in medical practice. Orv. hetil. 96 no.19:505-510 8 May 55

1. A Budapesti Orvostudomanyi Egyetem Korelettani Intezetenek kozlemenye.

(METABOLISM,

antimetabolites in metab. tests)





是是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是这个一个,我们就是我们的,我们就是我们的,我们就会不会一个一

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Effect of amino acids on the bacteria phagocytosis of leukocytes,
II. Kisérletes orvostud. 8 no.1:98-105 1956.

1. Budapesti Orvostudomanyi Egyetem Korelettani Intesete.

(AMINO ACIDS, eff.

on bact. phagocytosis of leukocytes of rats in vitro (Hun))

(HAGOCTTOSIS, eff. of drugs on

amino acids, on bact. phagocytosis of leukocytes of rats
in vitro (Hun))

(LEUKOCTTES

phagocytosis of bact., eff. of amino acids in rats in

vitro (Hun))
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EXCERPTA MEDICA Sec.2 Vol.10/6 Phy. Biochem. June 57 2728. SÓS J., CSALAY L., FEHÉR I., KEMÉNY T., PERÉNYI L. and WEISZ P. Orvostud. Egyetem. Körélettani Int., Budapesti. *Glutaminsav antimetabolitjaival végzett vizsgálatok. Studies on antimetabolites of glutamic acid KISÉRL.ORVOSTUD 1956, 8/4 (380-390) Graphs 3 Ta-(p-Nitrobenzoyl) glutamic acid (I) is an antimetabolite of glutamic acid (II) for L. casei. In chronic experiments on rats, 200 mg. per day of I orally caused inflammatory changes in the lungs with formation of pseudotubercles. Slight degenerative changes in liver, pancreas and kidney were also seen. In acute experiments, I caused disturbances of cerebral cortical function which could be assessed by means of conditioned reflexes. 2-Mercaptopropionic acid disulphide (III) can be regarded as an antagonist of II, methionine, cystine and cysteine in microbiological experiments. In rats, chronic administration of III (150 mg. per day orally) caused severe damage to liver and pancreas. Methionine sulphoxide had little effect in microbiological experiments; in rats it showed pathogenic activity. 3-Mercaptopyruvic acid disulphide behaved as an antimetabolite in microbiological experiments, while 2-pyrrolidone-5-carboxylic acid and N(p-toluenesulphonyl)-L-glutaminyl-L-asparagine were inactive.

SOS, Jozsef; CSALAY, Laszlo; KEMENY, Tibor; HARMOS, Gyorgy; PERENYI, Laszlo;
Technikai asszisztensek: Schnell, Maria es Jona, Margit.

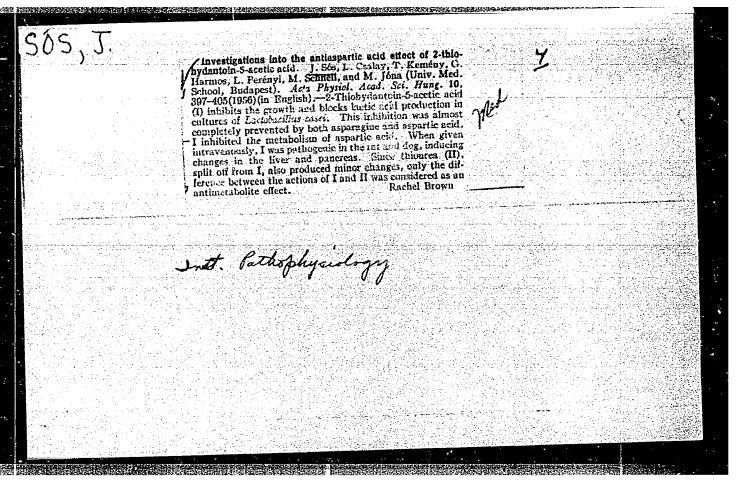
Studies on the aspartic acid antagonism of 2-thio-5-acetylhydantoin.
Kiserletes orvostud. 8 no.4:390-397 July 56.

1. Budapesti Orvostudomanyi Egyetem Korelettani Intezete.

(ASPARTIC ACID, antag.
2-thio-5-acetylhydantoin (Hun))

(HYDANTOINS, eff.
2-thio-5-acetylhydantoin, aspartic acid antag. & inj. eff.

(Hun))



HUNGARY / Pharmacology and Toxicology--Chemotherapeutic V-6 Preparations

Abs Jour: Ref Zhur-Biol, No 23, 1958, 107388

Author : Sos, J., Csalay, L., Feher, I., Kemeny, T., Perenyi, L., Weisz, P.

: Hungarian AS

Inst : The Study of the Antimetabolites of Glutamic Acid Title

Orig Pub: Acta physiol. Acad. sci. hung., 1956, 10, No 2-14,

407-420

Abstract: The effect of six dicarbonic acids of the supposed antimetabolites of glutamic acid (GA) on the growth of strains of Lactobacillus casei sensitive to the lack of GA, and rats was studied. Paranitrobenzoyl glutaminic acid (I), disulfide a-thiopropionic acid

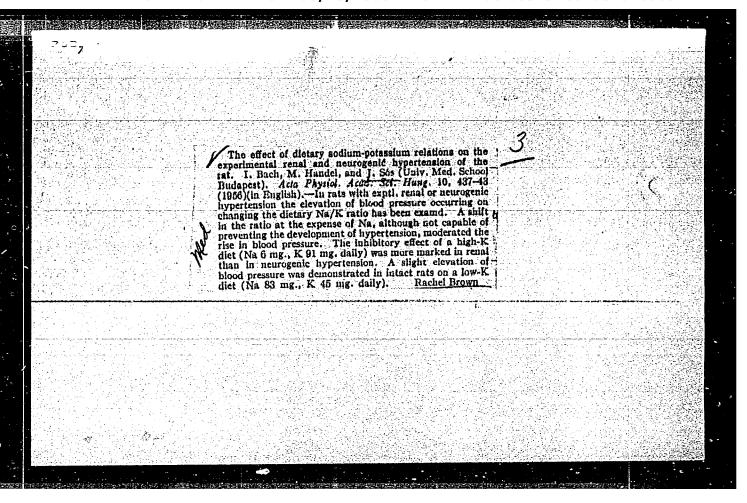
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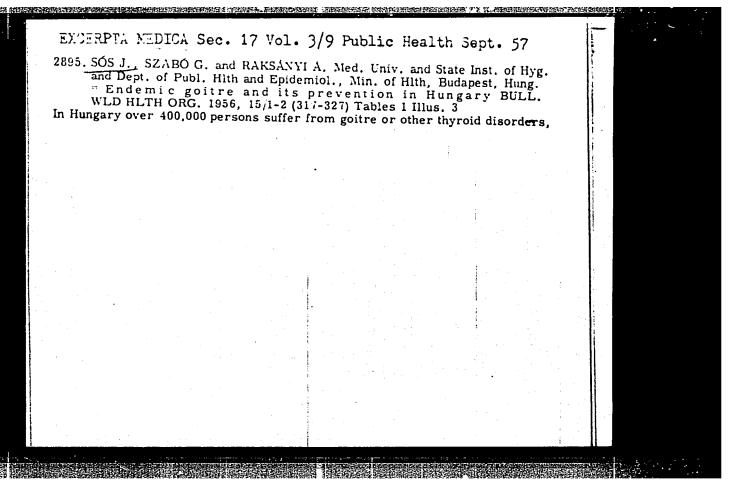
APPROVED FOR RELEASE: 08/23/2000

HUNGARY / Pharmacology and Toxicology--Chemotherapeutic Preparations

Abs Jour: Ref Zhur-Biol, No 23, 1958, 107388

(II), disulfide β -thiopyruvate (III), and menthionine sulfoxide (MS) depressed the growth of L. casei (MS acted weakly), and I, II, and III also influenced the growth of Enterococcus A. GA eliminated the growth of I, II, and III. The depressing effect of II on L. casei was weakened by cysteine, cystine, and methionine, and the action of III by cysteine. Lactamide of glutamic acid (2-pyrrolidone-5-carbonic acid) and tosylglutaminylaspartic acid (N-n-toluolsulfonyl-1-glutaminyl-1asparagine) had no influence on the growth of L. casei. In experiments on rats, the action of I, II, and IV was tested. I depressed the growth of animals. GA did not eliminate this depression and over increased it. and even increased it. Under the influence of 1,

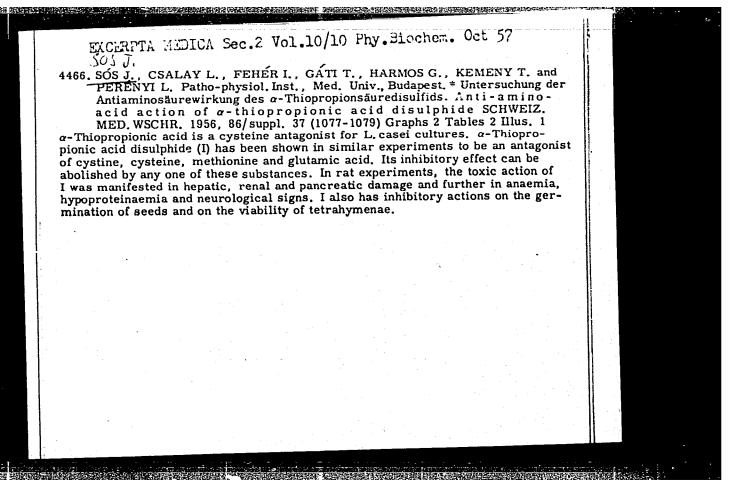


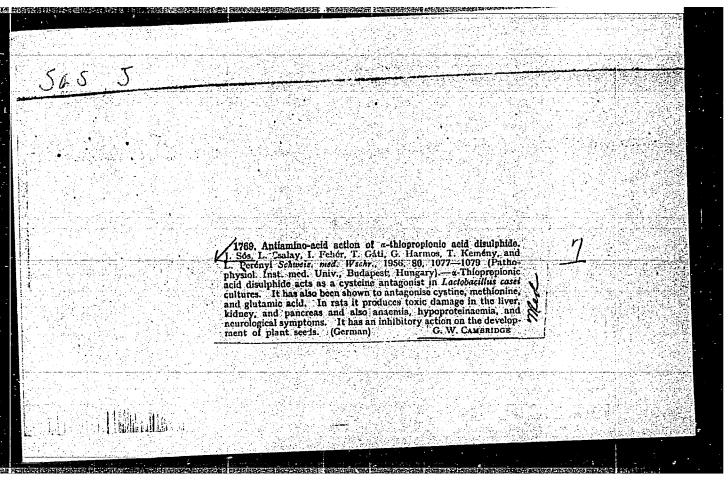


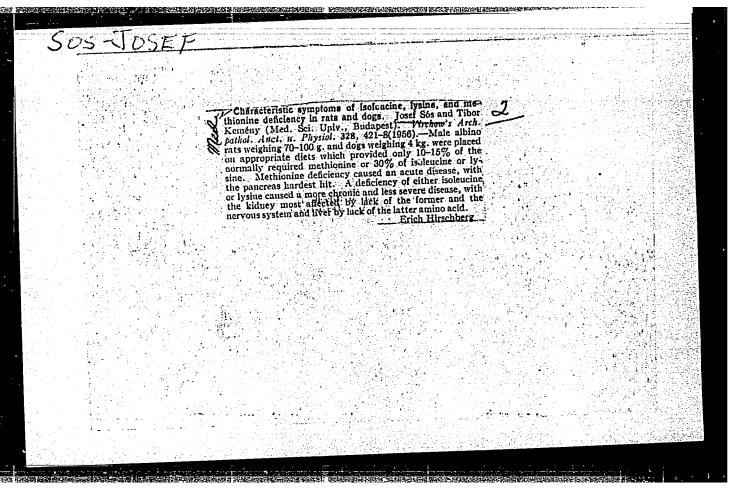
which are endemic in about 20% of the country, although only 8% of the affected areas are mountainous. Research into the proper level of iodization for salt was conducted or about 9000 persons, and it was decided to use 10 mg. Klper kg. of salt. In 194%, the use of iodized salt was made compulsory in areas where the frequency of goitre among schoolboys 6-10 years of age was 80% or higher or where signs of physical and mental degeneration were frequent. In other areas, the use of iodized salt was epitional. Over six years, a significant improvement has occurred in most of the areas with compulsory iodization. Where there has been no significant improvement more detailed actiological studies are necessary; this can only be done by introducing a more local system of control with goitre subcentres, and work on these lines has already begun.

Jozxef Kiraly's A pajzsmirigy sebeszete (Surgery of the Thyroid Gland); a book review, p. 195, NEQEGESZSEGUGY, (Egeszsegugyi Miniszterium) Budapest, Vol. 37, No. 7, July 1956

SOURCE: East European Accessions List (EFAL) Library of Congress, Vol. 5, No. 11, November 1956







895.	FUNCTION - Fehérje Sós J., Szabó G Orvostudományi Egye gyi Intézet, Budapes Illus. 4 rotein- and methionine- metabolism in rats. 7	etem Korélettani In KiséRL. ORVOS	K, and Keintézete és Org TUD. 1957, 9	nény T. szágos Köz /4 (406-411)	Budapesti egészségű-) Tables l itology and	
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SOS, Jozsef, dr.

Hogyes as scientist, teacher, and educator. Orv. hetil.
98 no.7-8:175-178 24 Feb 57.

(BIOGRAPHIES
Hogyes, Endre (Hun))

SOS, J.; CSALAY, L.; GATI, T.; KEMENY, T.; KERTAI, P.; NAGY, E.; PERENY, L.; SZABO, G., Technikai Assizisztensek: SCHNELL, M.; JONA, M.

Antityrosine compounds. Kiserletes orvostud 9 no.5-6:570-574 Oct-Dec 58.

1. Budapesti Orvostudomanyi Egyetem Korelettani Intezete es Orszagos Kozegeszsegugy Intezet.

(TYROSINE, antag.
eff. on Inctobacillus casei & rat organs (Hun))
(IACTOBACILIUS, eff. of drugs on
tyrosine antag. on Iactobacillus casei (Hun))

Effect of tyrosine antimetabolites on iodine-131 binding of the thyroid.
Kiserletes orvostud 9 no.5-6:575-580 Oct-Dec 58.

1. Korelettani Intezet es Orvosi-Fizikai Intezet Budapest.
(TYROSINE, antag.
eff. on iodine uptake in rat thyroids (Hun))
(THYROID GIAND, eff. of drugs on
tyrosine autag. on iodine uptake in rats (Hun))
(IODINE, metab.
thyroid, eff. of tyrosine antag. on uptake in rats (Hun))

GATI, T.; SOS, J.; HIMEG, J. (mid der technicher Assistenz von M. Jona)

Effect of tryptophan deficiency on experimental neurogenic and remail hypertonia in rats. Acta physiol. hung. 13 no.4:375-379 1958.

1. Pathonhysiologisches Institut der Medizinischen Universitat, Budnest.

(TRYPTOPHAN, deficiency
exper., eff. on neurogenic hypertonia & remail hypertonia in rats (Ger))

(XINETS, physiology
eff. of exper. tryptophan defic. in rats (Ger))

SOS, J.; KERTAI, P.; NAGY, J.; CSUZI, S.

Effect of tyrosine antimetabolites on the radioiodine uptake of the thyroid gland. Acta physiol. hung. 14 no.1:57-59 1958.

1. Institute of Pathophysiology and Institute of Medical Physics, Medical University, Budapest.

(TYROSINE, antage.

antimetabolites, eff. on thyroidal iodine uptake in rats)

(THYROID GIAND, eff. of drugs on tyrosine antimetabolites on iodine uptake in rats)

(IODINE, metab.

thyroid, eff. of tyrosine antimetabolites on uptake in rats)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001652520008-2"

SOS, J.; KERTAI, P., With the technical assistance of Miss M. Jona

Reflect of dichlorophenoxyacetic acid upon the I¹³¹-uptake of the thyroid. Acta physiol. hung. 14 no.4:367-369 1958.

1. Institute of Pathophysiology, Medical University, Budapest and National Institute for Public Health, Budapest.

(HERBICIDES, eff.

2,4-D on thyroidal radioiodine uptake in rats)

(PHENYIACETIC ACID, related cpds,

2,4-D eff. on thyroidal radioiodine uptake in rats)

(CHIORIDES, eff.

2,4-D on thyroidal radioiodine uptake in rats)

(THYROID GIAND, eff. of drugs on

2,4-D on radioiodine uptake in rats)

(IODINE, metab.

thyroidal uptake of radioiodine, eff. of 2,4-D in rats)

SHOSH, Y. [So's, J.], GATI, T.

Bffect of insufficient amino acids in the diet on blood pressure [with summary in English]. Vop.pit. 17 nc.5:11-14 S-0 158 (MIRA 11:10)

1. Iz Instituta patologicheskoy fiziologii meditsinskogo universiteta, Budapesht.

(AMINO ACIDS, defic.
dietary, eff. on blood pressure in rats (Rus))
(BLOOD PRESSURE,
eff. of dietary amino acid defic. in rats (Rus))

SOS, Jonsef, Dr.

future of our public health; thoughts on the 4th of April. Orv. hetil.

99 no.13;417-419 30 Mar 58.

(FUBLIC HEALTH

in Hungary, future aspects (Hun))

SOS, J.; DÖKLEN, A.; KEMENY, T.

Data on the separation of protein deficiency hunger states. Acta physicl. hung. 15 no.4:313-321 1959

1. Pathophysiologisches Institut der Medizinischen Universität, Budapest. (PROTEINS, deficiency) (HUNGKR)

New achievements in the pathology of fasting. Orv. hetil. 100 no.9:309-317 l Mar 59.

1. A Budapesti Orvostudomanyi Egyetem Korelettani Intesete.

(AMINO ACIDS, defic.

manifest. of defic. in individual amino acida & general protein defic. (Hun))

(PROTEINS, defic.

same)

SOS, Jozsef; RIGO, Janos; DOKLEN, Anna; TAKACS, Ferenc

Effect of tryptophan on eosinophil and thrombocyte count. Kiserletes Orvostud. 12 no.2:198-200 Ap 160.

1. Budapesti Orvostudomanyi Egyetem Korelettani Intezete.

(EOSINOPHIIS pharmacol.)

(BLOOD PIATELETS pharmacol.)

(TRYPTOPHAN pharmacol.)

SOS, J.; KEMENY, T.; with the technical assistance of M. Schnell and M. Jona.

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1. Institute of Pathophysiology, Medical University, Budapest. (METHIONINE defic)

KERTAI, P.; SOS, J.; with the technical assistance of JOHA, M.

Methionine-35S uptake of rats fed on a methionine-deficient diet.

Acta physiol.hung. 18 no.3:217-220 '60.

1. Institute of Pathophysiology, Medical University, Budapest.

(METHIONINE metab)

(INVER metab)

(BRAIN metab)

是是2000年的基本的 2000年的 新西班上中的 1000年 2000年 200

VAJDA, Gy.; RIGO, J.; SOS, J.

The effect of methionine deficiency on heterohaemotropin formation. Acta physiol.hung. 18 no.3:221-223 '60.

1. Hungarian Railways Hospital and Institute of Pathophysiology, Medical University, Budapest.
(METHIONINE defic) (PHAGOCYTOSIS)

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SOS, Jozsef, az orvostudomanyok doktora

The pathogenic role of nutrition. Magy tud 67 no.4:209-216 Ap '60.

(EEAI 9:9)

(Nutrition) (Diet)

SOS, Jozsef, dr.; GATI, Tibor, dr.; KEMENY, Tibor, dr. RIGO, Janos, dr.; BUDAVARI, Istvan, dr.; technikai asszisztensek: Schnell, Maria, Szabo, Ilona, Jona, Margit.

Alimentary myocardial necrosis in rats. Orv.hetil. 101 no.40: 1409-1412 2 0 160.

1. Budapesti Orvostudomanyi Egyetem, Korelettani Intezet.
(MYOCARDIAL INFARCT nutrition & diet)

SOS, Jozsef, az orvostudomanyok doktora

Alimentary factors of experimental hypertonia and cardiopathy. Biol orv kozl MTA 12 no.1/2:91-108 '61.

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VAJDA, Gy; RIGO, J.; SOS, J.

Effect of the absence of methionine on the synthesis of heterohemotropin. Kiserletes Orvostud. 13 no.1:73-75 Mr 161.

1. MAY-Kornaz es Korelettani Interet, Budapest.
(METHIONINE defic)
(ANTIGEN ANTIBODY REACTIONS)

HARMOS, Gyorgy; VARGA, Bertalan; RIGO, Janos; DOKLEN, Anna; PUCSOK, Jozsef; SOS, Jozsef

Effect of tryptophan on the activity of alkaline phosphatases in granu-locytes. Kiserl. orvostud. 13 no.6:579-582 D '61.

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(THYPTOPHAN pharmacol) (PHOSPHATASES blood) (LEUKOCYTES metab)

HIGO, J.; BUDAVARI, I.; 605, J.; with technical assistance of JONA, M.

Potassium, sodium, magnesium and calcium levels in rats during alimentary provocation of infarctoid cardiac lesions. Acta med. hung. 17 no.1:85-90 '61.

1. Institute of Pathophysiology (direktor: prof. J.Sos) University Medical School, Budapest.

(MYOCARDIAL INFARCT exper.) (POTASSIUM chem.)

(SODIUM chem.) (MAGNESIUM chem.) (CALCIUM chem.)

(FATS nutrition & diet)

SOS, J.; KEMENY, T.; RIGO, J.; BUDAVARI, I.; Technical assistance of: SCHELL, M.;
JONA, M.

Influence of amino acid deficiency on the chemical constitution and solidity of the bones. Acta physiol. hung. 19 no.1-4:267-272 '61.

1. Institute of Pathophysiology, Medical University, Budapest.
(AMINO ACIDS deficiency) (BONE AND BONES chem.)

SOS, Jozsef

Alimentary factors of constitutional damages. Biol orv kozl MTA 13 no.1-2:41-64 '62.

l. Budpesti. Orvostudomanyi Egyetem Korelettani Intezete, es Magyar Tudomanyos Akademia levelezo tagja.



THUNGARY

GATI, Tibor; HARMOS, Gyorgy; GKLENCSKR, Perenc; SOS, Jozsefi Institute of Pathological Physiology of the Estical Univer-sity (Orvostudomanyi Egyetem Korelettani Interete), Budapest.

"Formation of Renal Pressor Substance in Animals on Amino Acid Deficient Diet."

Budapest, Kiserletes Orvostudomany, Vol 14, No 5, Oct 62, pp 520-522.

Abstract: [Authors' Hungarian summary] Significantly lower quantities of renin could be extracted from the kidneys of rats kept on methionine or tryptophan deficient diets and rats kept on methionine or tryptophan deficient diets and rats kept on methionine or tryptophan deficient diets and sat the same time the number of jurtaglomerular complexes at the same time the number of jurtaglomerular complexes decreased as demonstrated by histological methods. Since the latter is considered to be the anatomical substrate of renin, latter is considered to be the anatomical substrate of renin, latter is considered to be the anatomical substrate of renin, latter is considered to the biological titration and the histological the results of the biological titration and the histological that this phenomenon is study are in harmony. It is possible that this phenomenon is study are in harmony. It is possible that this phenomenon is study are in harmony. It is possible that this phenomenon is study are in harmony. It is possible that this phenomenon is study are in harmony. It is possible that this phenomenon is study are in harmony. It is possible that this phenomenon is study are in harmony. It is possible that this phenomenon is study are in harmony. It is possible that this phenomenon is study are in harmony. It is possible that this phenomenon is study are in harmony. It is possible that this phenomenon is study are in harmony. It is possible that this phenomenon is study are in harmony. It is possible that this phenomenon is study are in harmony. It is possible that this phenomenon is study are in harmony. It is possible that this phenomenon is study are in harmony. It is possible that this phenomenon is study are in harmony. It is possible that this phenomenon is study are in harmony. It is possible that this phenomenon is study are in harmony. It is possible that this phenomenon is study are in harmony. It is possible that this phenomenon is study are in harmony.

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SOMOGYI, I.; RIGO, J.; SOS, J.

On the control of experimental hypertension in arteriosclerosis with tuberculin, BCG and mycobacterial extracts. Acta med. acad. sci. hung. 18 no.4:423-428 162.

1. Pathophysiologisches Institut (Direktor: Prof. Dr. J. Sos) der Medizinischen Universitat Budapest, und Hauptstadtisches Krankenhaus, Visegrad.

(HYPERTENSION)

(ARTERIOSCLEROSIS) (VITAMIN D2)

(TUBERCULIN)

(MYCOBACTERIUM BOVIS)

DESI, I.; SOS, J.

Central nervous injury by a chemical herbicide. Acta med. acad. sci. hung. 18 no.4:429-433 '62.

1. Institute of Pathophysiology (Director: Prof. J. Sos), University Medical School, Budapest.
(HERBICIDES) (BRAIN) (REFLEX CONDITIONED)

SOS, Jozsef, dr., egyetemi tanar

Pathological processes and chemical effects of our environment. Term tud kozl 7 no.11:487-490 N'63.

1. Magyar Tudomanyos Akademia levelezo tagja, Budapest.